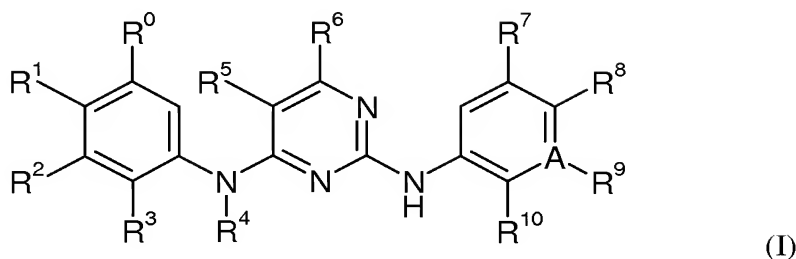


CLAIMS

1-35. (canceled)

Please add the following new claims:

36. (new) A compound of formula I



each of R⁰ or R² independently is hydrogen, C₁-C₈alkyl, haloC₁-C₈alkyl, unsubstituted or substituted 5 or 6 membered heterocyclyl comprising 1 or 2 hetero atoms selected from N, O and S, C₁-C₈alkoxy, unsubstituted or substituted heterocyclyloxy, unsubstituted or substituted heterocyclylC₁-C₈alkoxy, unsubstituted or substituted amino, or halogen;

R¹ is hydrogen, C₁-C₈alkyl, haloC₁-C₈alkyl, unsubstituted or substituted 5 or 6 membered heterocyclyl comprising 1 or 2 hetero atoms selected from N, O and S, C₁-C₈alkoxy, unsubstituted or substituted heterocyclyloxy, unsubstituted or substituted heterocyclylC₁-C₈alkoxy, unsubstituted or substituted amino, halogen;

R³ is C₁-C₈alkylsulfinyl, C₁-C₈alkylsulfonyl, C₅-C₁₀arylsulfonyl, or unsubstituted or substituted carbamoyl;

R⁴ is hydrogen;

R⁵ is chloro or bromo;

R⁶ is hydrogen;

each of R⁷ and R⁹ independently is hydrogen, C₁-C₈alkyl, haloC₁-C₈alkyl, unsubstituted or substituted C₅-C₁₀aryl, unsubstituted or substituted 5 or 6 membered heterocyclyl comprising 1 or 2 hetero atoms selected from N, O and S, C₁-C₈alkoxy, unsubstituted or substituted heterocyclyloxy, unsubstituted or substituted heterocyclylC₁-C₈alkoxy, unsubstituted or substituted amino, halogen, unsubstituted or substituted carbamoyl, or unsubstituted or substituted sulfamoyl;

R^8 is C_5 - C_{10} aryl; unsubstituted or substituted 5 or 6 membered heterocyclyl comprising 1 or 2 hetero atoms selected from N, O and S; C_5 - C_{10} aryloxy; unsubstituted or substituted heterocyclyoxy; or unsubstituted or substituted heterocyclyl C_1 - C_8 alkoxy; and

R^{10} is C_1 - C_8 alkyl, halo C_1 - C_8 alkyl, C_1 - C_8 alkoxy, unsubstituted or substituted heterocyclyl C_1 - C_8 alkoxy, unsubstituted or substituted amino, or halogen; and

A is C;

or salts thereof.

37. (new) The compound of claim 36, wherein each of R^0 , R^1 or R^2 is hydrogen.

38. (new) The compound of claim 36, wherein R^3 is C_1 - C_8 alkylsulfonyl, C_5 - C_{10} arylsulfonyl or unsubstituted or substituted carbamoyl.

39. (new) The compound of claim 36, wherein R^3 is C_1 - C_8 alkylsulfonyl.

40. (new) The compound of claim 36, wherein R^3 is C_5 - C_{10} arylsulfonyl.

41. (new) The compound of claim 36, wherein R^3 is unsubstituted or substituted carbamoyl.

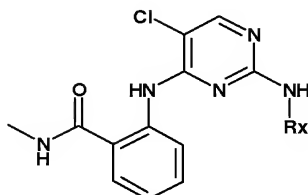
42. (new) The compound of claim 36, wherein R^8 is piperidino, piperazino, N-methylpiperazino, morpholino, phenoxy, 1-methyl-4-piperidyloxy, 3-morpholinopropoxy, 2-morpholinoethoxy or 3-(N-methylpiperazino)-propoxy.

43. (new) The compound of claim 36, wherein R^8 is unsubstituted or substituted 5 or 6 membered heterocyclyl comprising 1 or 2 hetero atoms selected from N, O and S.

44. (new) The compound of claim 36, wherein R^0 , R^1 or R^2 is hydrogen; R^3 is C_1 - C_8 alkylsulfonyl; and R^8 is unsubstituted or substituted 5 or 6 membered heterocyclyl comprising 1 or 2 hetero atoms selected from N, O and S.

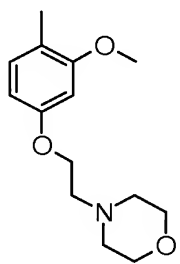
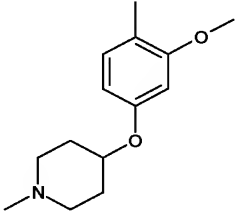
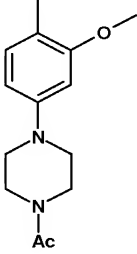
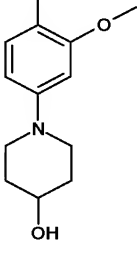
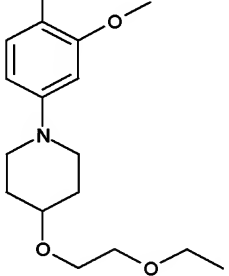
45. (new) The compound of claim 44, wherein R^8 is piperidino, piperazino, N-methylpiperazino or morpholino.

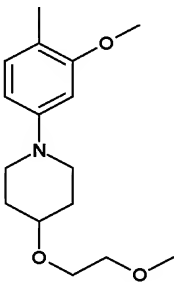
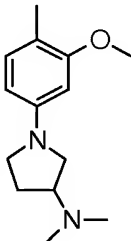
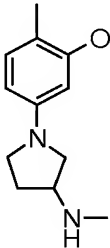
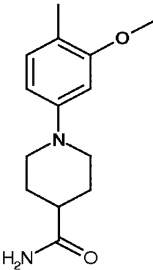
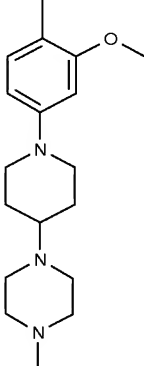
46. (new) The compound of claim 36, wherein said compound is selected from the group of compounds with the following names or formulae:
 2-[5-chloro-2-(2-methoxy-4-morpholin-4-yl-phenylamino)-pyrimidin-4-ylamino]-N-methylbenzamide;

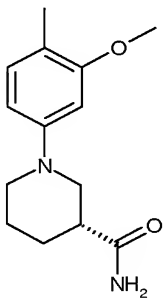
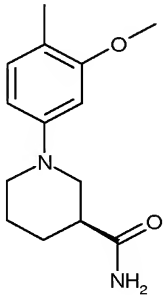
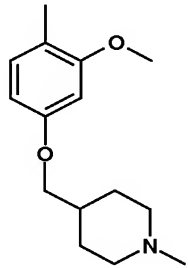
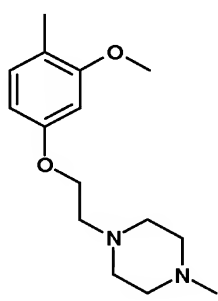
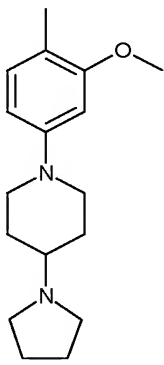


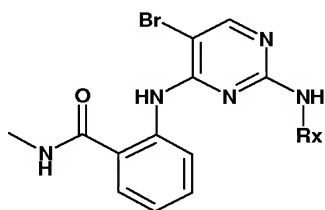
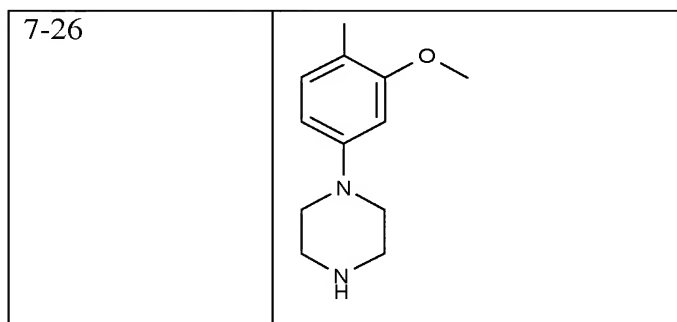
a compound of the formula , wherein Rx has one of the meanings given in the following table:

Compound No.	Rx
7-1	
7-2	
7-3	

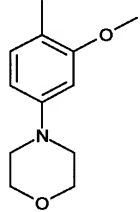
7-4	 <chem>COc1cccc(c1)OCCN2CCOCC2</chem>
7-5	 <chem>COc1cccc(c1)OCC2CCN(C)CC2</chem>
7-7	 <chem>COc1cccc(c1)N2CCN(CC2)C(=O)C</chem>
7-8	 <chem>COc1cccc(c1)N2CCOCC2</chem>
7-9	 <chem>COc1cccc(c1)N2CCOCCOCC2</chem>

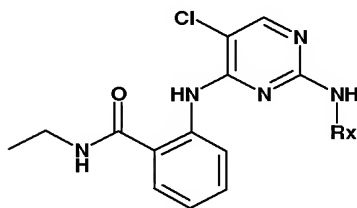
7-10	 <chem>COCCOC1CCN(CC1)c2cc(OC)ccc2C</chem>
7-11	 <chem>CN(C)C1CCN(C1)c2cc(OC)ccc2C</chem>
7-12	 <chem>CNC1CCN(C1)c2cc(OC)ccc2C</chem>
7-13	 <chem>NC(=O)C1CCN(CC1)c2cc(OC)ccc2C</chem>
7-14	 <chem>C1CCN(CC1)c2cc(OC)ccc2C3CCNCC3</chem>

7-17	
7-18	
7-20	
7-21	
7-25	

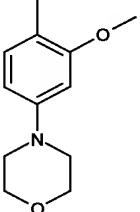


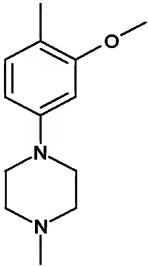
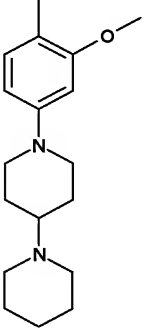
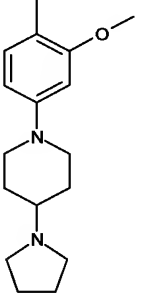
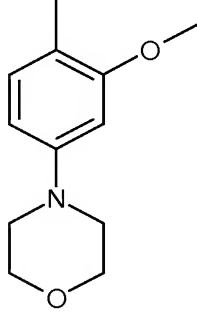
a compound of the formula , wherein Rx has one of the meanings given in the following table:

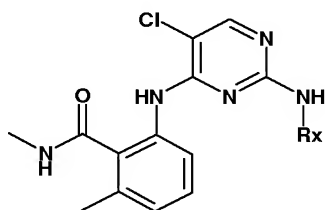
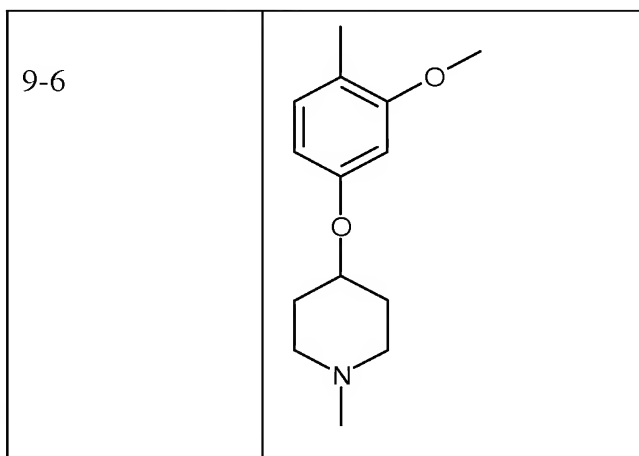
Compound	Rx
8-2	

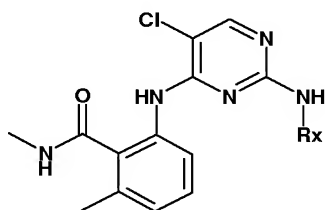


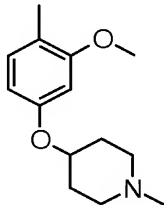
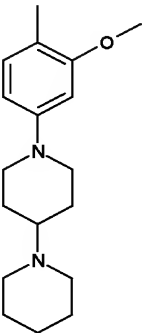
a compound of the formula , wherein Rx has one of the meanings given in the following table:

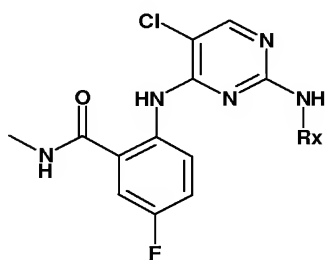
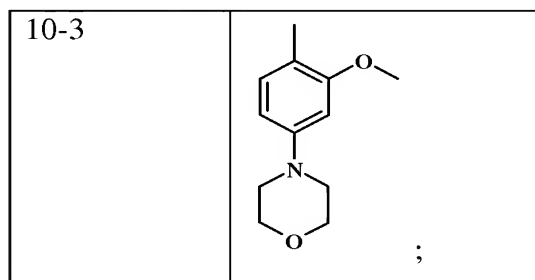
Compound	Rx
9-1	

9-2	
9-3	
9-4	
9-5	

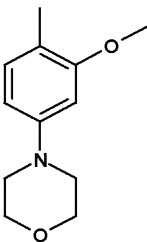
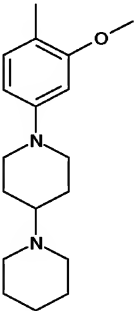
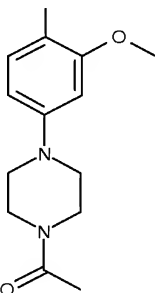


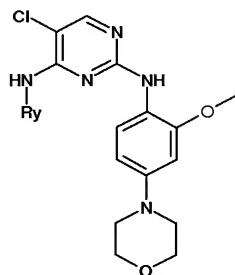
a compound of the formula , wherein Rx has one of the meanings given in the following table:

Compound	Rx
10-1	
10-2	



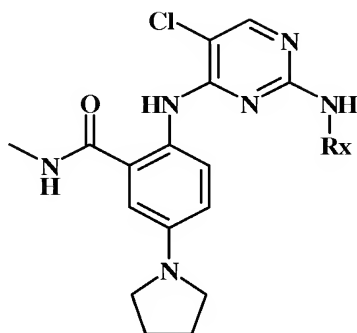
a compound of the formula F , wherein Rx has one of the meanings given in the following table:

Compound	Rx
11-1	
11-2	
11-4	

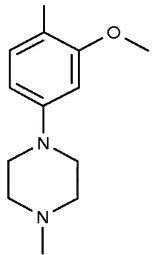
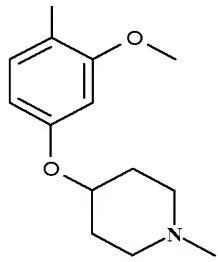
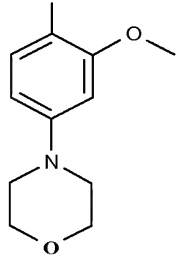


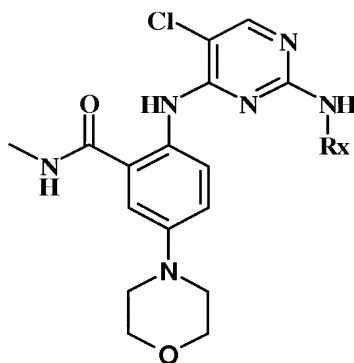
a compound of the formula , wherein Ry has one of the meanings given in the following table:

Compound	Ry
14-1	
14-2	
14-3	
14-5	
14-6	

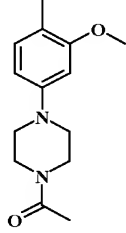


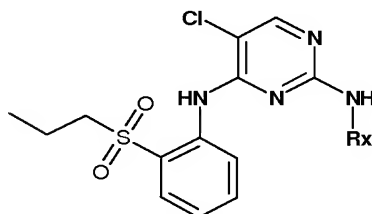
a compound of the formula , wherein Rx has one of the meanings given in the following table:

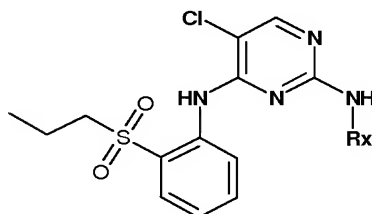
Compound	Rx
15-1	
15-2	
15-3	 ;

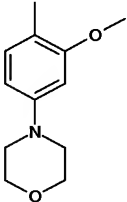
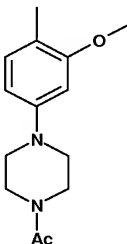


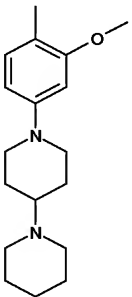
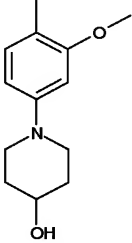
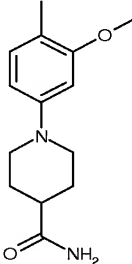
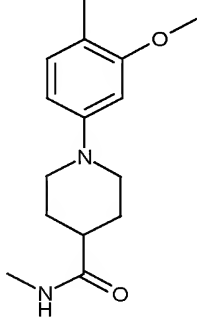
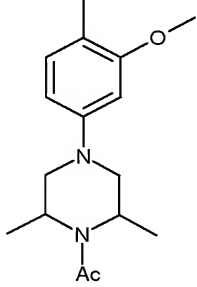
a compound of the formula , wherein Rx has one of the meanings given in the following table:

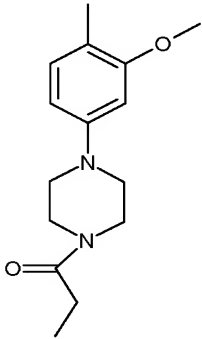
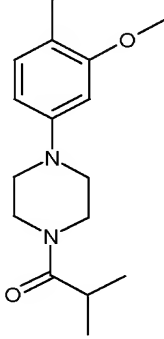
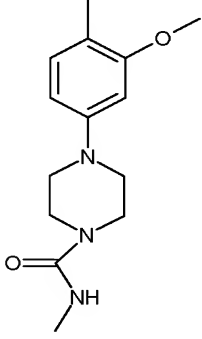
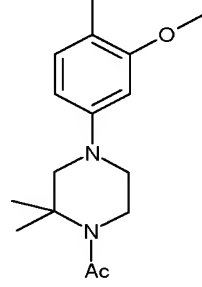
Compound	Rx
18-1	 ;

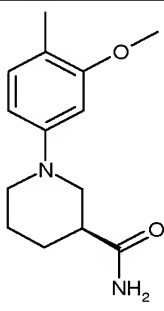
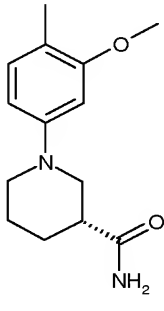
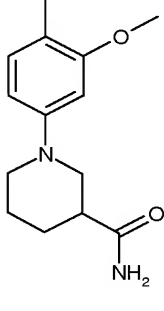
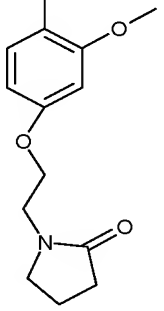


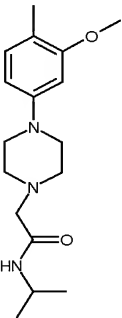
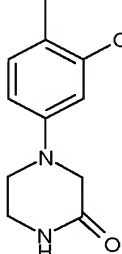
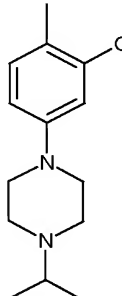
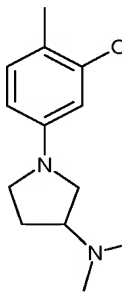
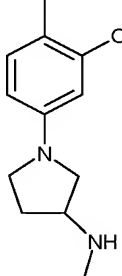
a compound of the formula , wherein Rx has one of the meanings given in the following table:

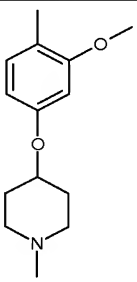
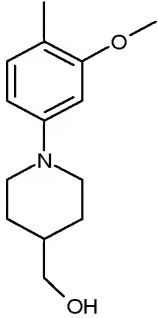
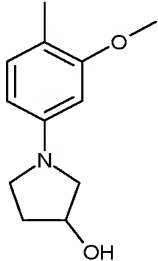
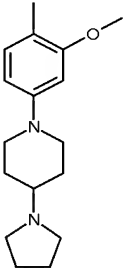
Compound	Rx
26-1	
26-2	

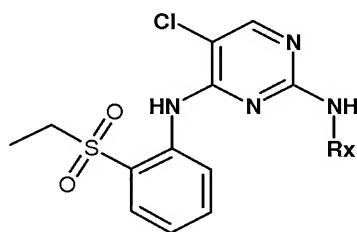
26-3	 <chem>COc1cccc(c1)N2CCCCC2N3CCCCC3</chem>
26-4	 <chem>COc1cccc(c1)N2CCCC(O)C2</chem>
26-5	 <chem>COc1cccc(c1)N2CCCC(C2)C(=O)N</chem>
26-6	 <chem>COc1cccc(c1)N2CCCC(C2)C(=O)N(C)</chem>
26-7	 <chem>COc1cccc(c1)N2CC(C)N(C(C)C2)C(=O)C</chem>

26-8	 <chem>CCOC1=CC=C(C=C1)N2CCN(CC2)C(=O)CC</chem>
26-9	 <chem>CCOC1=CC=C(C=C1)N2CCN(CC2)C(=O)C(C)C</chem>
26-10	 <chem>CCOC1=CC=C(C=C1)N2CCN(CC2)C(=O)N(C)</chem>
26-11	 <chem>CCOC1=CC=C(C=C1)N2CCN(CC2)C(=O)C(C)=O</chem>

26-12	
26-13	
26-14	
26-18	

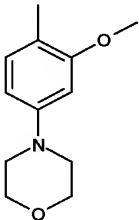
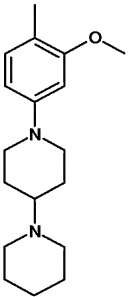
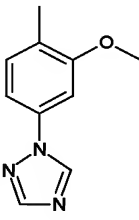
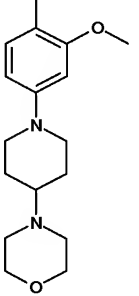
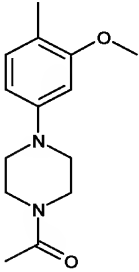
26-21	 <chem>CC(C)NCC(=O)CN1CCN(CC1)c2ccc(OC)c(C)c2</chem>
26-22	 <chem>O=C1CNCCN1c2ccc(OC)c(C)c2</chem>
26-23	 <chem>CC(C)N1CCN(CC1)c2ccc(OC)c(C)c2</chem>
26-24	 <chem>CC(C)N1CCN(CC1)c2ccc(OC)c(C)c2</chem>
26-25	 <chem>CC(C)N1CCN(CC1)c2ccc(OC)c(C)c2</chem>

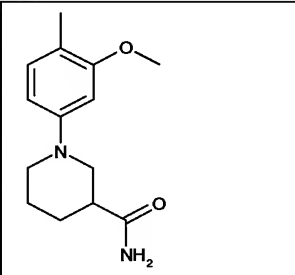
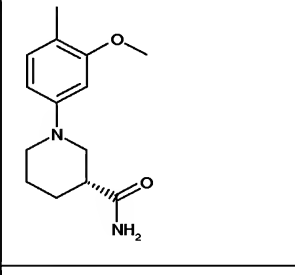
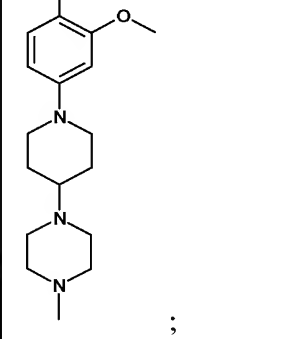
26-26	
26-27	
26-28	
26-29	

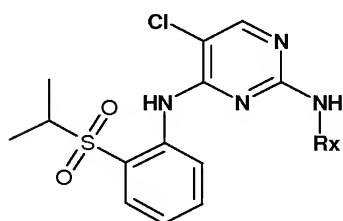


a compound of the formula , wherein Rx has one of the meanings given in the following table:

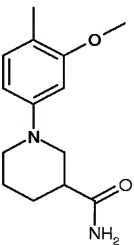
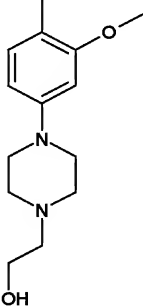
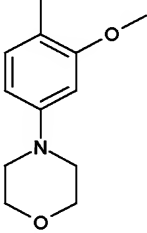
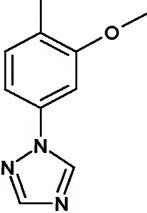
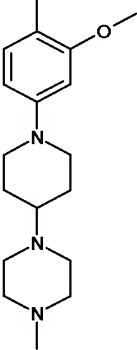
Compound	Rx
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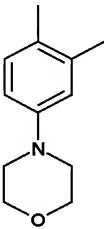
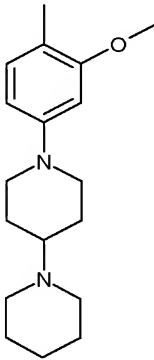
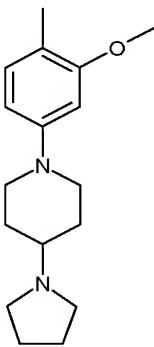
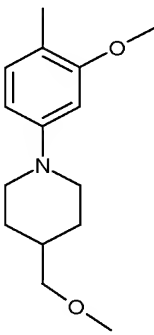
27-1	
27-2	
27-3	
27-4	
27-5	

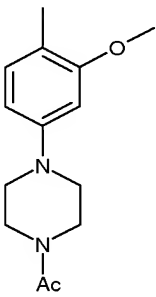
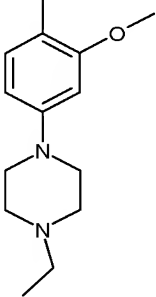
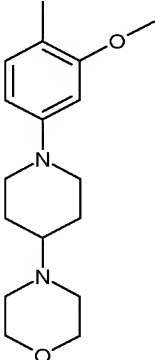
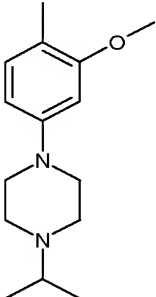
27-6	
27-8	
27-9	 ;

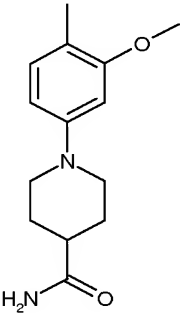
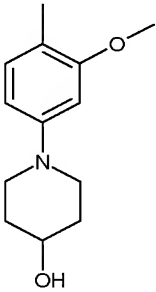
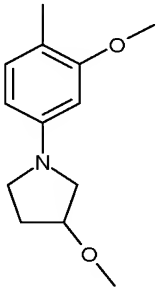
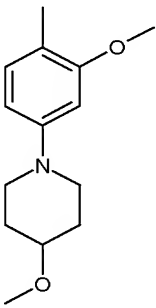
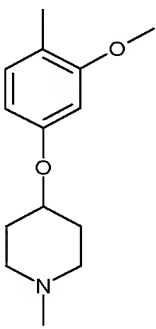


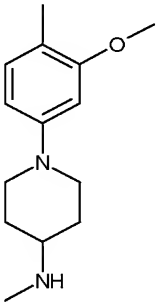
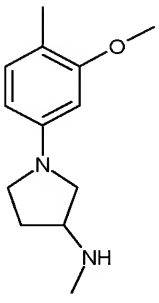
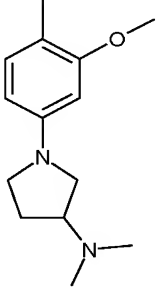
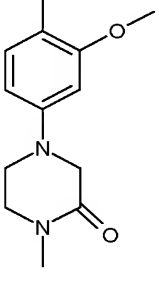
a compound of the formula , wherein Rx has one of the meanings given in the following table:

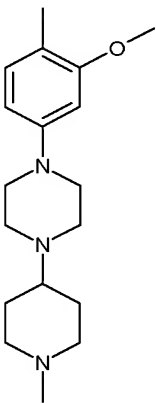
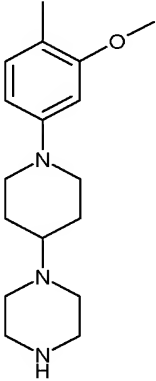
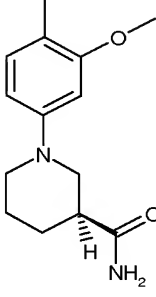
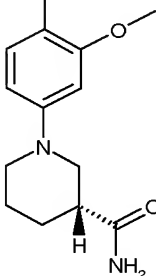
Compound	Rx
28-1	
28-2	
28-3	
28-4	
28-5	

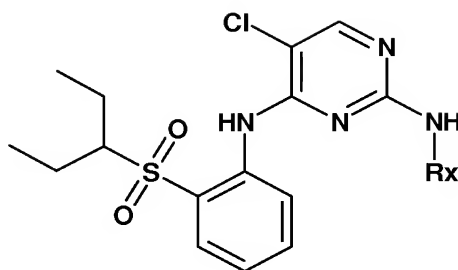
28-6	 <chem>Cc1cc(C)cc(N2CCOCC2)c1</chem>
28-8	 <chem>COc1cc(N2CCN(CC2)C3CCCCN3)cc(C)c1</chem>
28-9	 <chem>COc1cc(N2CCN(CC2)C3CCCN3)cc(C)c1</chem>
28-10	 <chem>COc1cc(N2CCN(CC2)CCOC)cc(C)c1</chem>

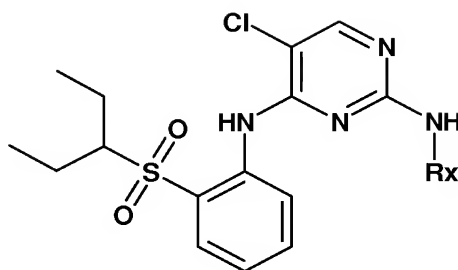
28-11	
28-12	
28-13	
28-14	

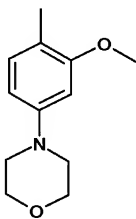
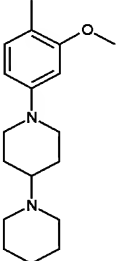
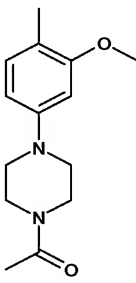
28-15	 <chem>COc1cc(C)ccc1N2CCCCC2C(=O)N</chem>
28-16	 <chem>COc1cc(C)ccc1N2CCCCC2O</chem>
28-17	 <chem>COc1cc(C)ccc1N2CCCC2OC</chem>
28-18	 <chem>COc1cc(C)ccc1N2CCCCC2OC</chem>
28-19	 <chem>COc1cc(C)ccc1OCC2CCN(C)CC2</chem>

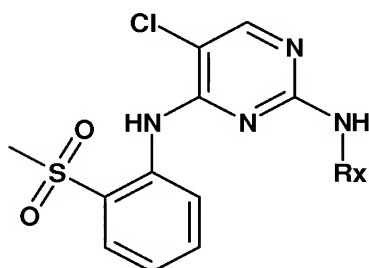
28-20	
28-21	
28-22	
28-23	

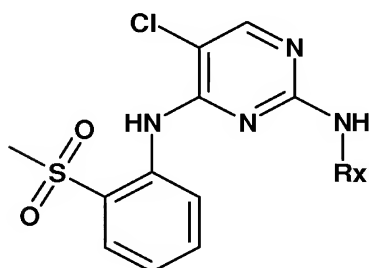
28-24	 <chem>CN1CCN(CC1)N2CCN(CC2)C3=CC=C(OC)C=C3</chem>
28-25	 <chem>CN1CCN(CC1)C2CCN(CC2)C3=CC=C(OC)C=C3</chem>
28-27	 <chem>CN1CCN(CC1)C2CCN(CC2)C3=CC=C(OC)C=C3</chem>
28-28	 <chem>CN1CCN(CC1)C2CCN(CC2)C3=CC=C(OC)C=C3</chem>

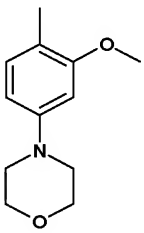


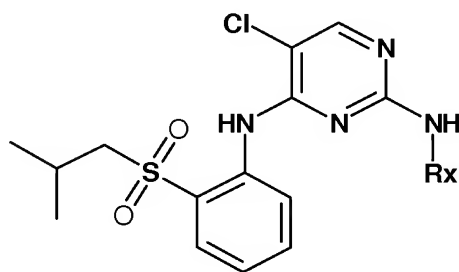
a compound of the formula , wherein Rx has one of the meanings given in the following table:

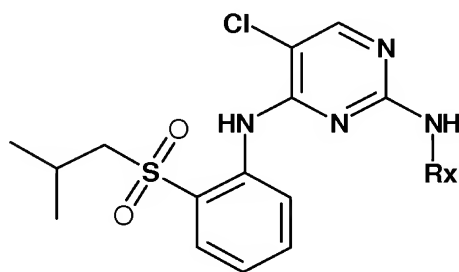
Compound	Rx
29-1	
29-2	
29-3	 ;

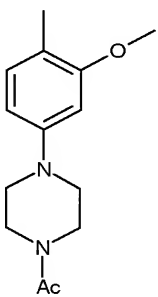
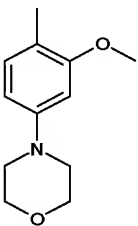


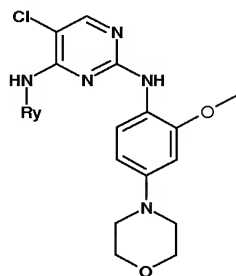
a compound of the formula , wherein Rx has one of the meanings given in the following table:

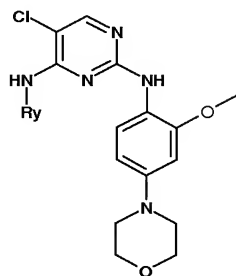
Compound	Rx
31-2	 ;

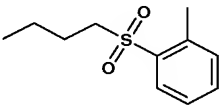
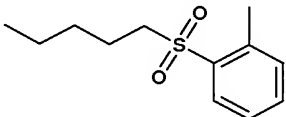
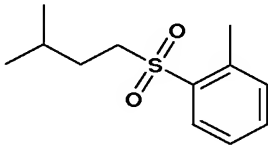
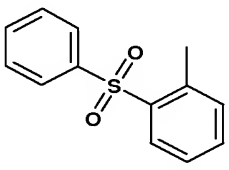


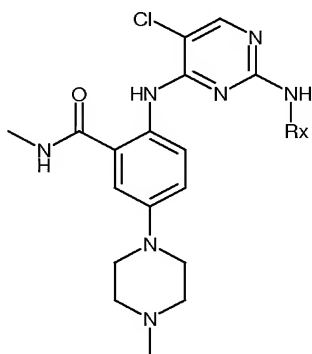
a compound of the formula , wherein Rx has one of the meanings given in the following table:

Compound	Rx
32-1	
32-2	 ;

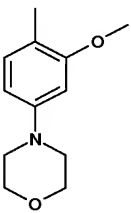


a compound of the formula , wherein Ry has one of the meanings given in the following table:

Compound	Ry
34-1	
34-3	
34-4	
34-6	 ; and



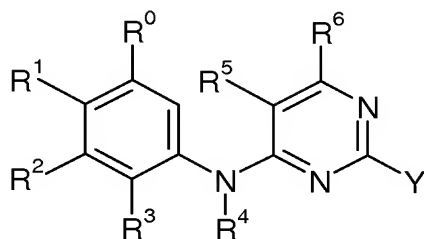
a compound of the formula , wherein Rx has one of the meanings given in the following table:

Compound	Rx
35-1	

or a pharmaceutically acceptable salt thereof.

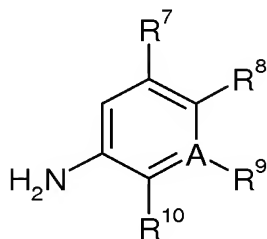
47. (new) The compound of claim 36, wherein said compound is 2-[5-chloro-2-(2-methoxy-4-morpholin-4-yl-phenylamino)-pyrimidin-4-ylamino]-N-methyl-benzamide, or N²-(4-[1,4']Bipiperidinyl-1'-yl-2-methoxy-phenyl)-5-chloro-N⁴-[2-(propane-1-sulfonyl)-phenyl]-pyrimidine-2,4-diamine, or a pharmaceutically acceptable salt thereof.

48. (new) A process for the production of a compound of formula I according to claim 36, comprising reacting a compound of formula II



(II)

wherein R⁰, R¹, R², R³, R⁴, R⁵, and R⁶ are as defined in claim 36, and Y is a leaving group, with a compound of formula III



(III)

wherein A, R⁷, R⁸, R⁹ and R¹⁰ are as defined in claim 36;

and, if desired, converting a compound of formula I, wherein the substituents have the meaning as defined in claim 36, into another compound of formula I as defined in claim 36;

and recovering the resulting compound of formula I in free form or as a salt, and, when required, converting the compound of formula I obtained in free form into the desired salt, or an obtained salt into the free form.

49. (new) A pharmaceutical composition comprising a compound according to claim 36, as active ingredient together with one or more pharmaceutically acceptable diluents or carriers.

50. (new) A combination comprising a therapeutically effective amount of a compound according to claim 36 and one or more known drug substances, said further drug substance being useful in the treatment of neoplastic diseases or immune system disorders.

51. (new) A method for the treatment of breast tumors in a subject in need thereof which comprises administering an effective amount of a compound according to claim 36 or a pharmaceutical composition comprising same.

52. (new) The method of claim 51, wherein said compound is 2-[5-chloro-2-(2-methoxy-4-morpholin-4-yl-phenylamino)-pyrimidin-4-ylamino]-N-methyl-benzamide, or N²-(4-[1,4']Bipiperidiny-1'-yl-2-methoxy-phenyl)-5-chloro-N⁴-[2-(propane-1-sulfonyl)-phenyl]-pyrimidine-2,4-diamine, or a pharmaceutically acceptable salt thereof.